

Substitute for form 1449A/B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT *(Use as many sheets as necessary)*

Sheet	1	of	54	Application Number	09/555,551
				Filing Date	August 29, 2000
				First Named Inventor	Jonathan B. Orlick
				Art Unit	2623
				Examiner Name	Hunter B. Lonsberry
				Attorney Docket Number	ST-44

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		3,440,427	04/22/1969	Kammer	
		3,492,577	01/27/1970	Reiter et al	
		3,493,674	02/03/1970	Houghton	
		3,729,581	04/24/1973	Anderson	
		3,833,757	09/03/1974	Kirk, Jr. et al	
		3,891,792	06/24/1975	Kimura	
		3,936,868	02/03/1976	Thorpe	
		3,996,583	12/07/1976	Hutt et al	
		4,004,085	01/18/1977	Makino et al	
		4,016,361	04/05/1977	Pandey	
		4,026,555	05/31/1977	Kirschner et al	
		4,031,548	06/21/1977	Kato et al	
		4,052,719	10/04/1977	Hutt et al	
		4,058,830	11/15/1977	Guinet et al	
		4,079,419	03/14/1978	Siegle et al	
		4,081,753	03/28/1978	Miller	

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Art Unit	2623
Examiner Name	Hunter B. Lonsberry
Attorney Docket Number	ST-44

U.S. PATENT DOCUMENTS

	4,081,754	03/28/1978	Jackson	
	4,096,524	06/20/1978	Scott	
	4,134,127	01/09/1979	Campioni	
	4,139,860	02/13/1979	Micic et al	
	4,150,254	04/17/1979	Schussler et al	
	4,156,850	05/29/1979	Beyers, Jr.	
	4,161,728	07/17/1979	Insam	
	4,162,513	07/24/1979	Beyers, Jr. et al	
	4,170,782	10/09/1979	Miller	
	4,186,413	01/29/1980	Mortimer	
	4,203,130	05/13/1980	Doumit et al	
	4,205,343	05/27/1980	Barrett	
	4,218,698	08/19/1980	Bart et al	
	4,228,543	10/14/1980	Jackson	
	4,231,031	10/28/1980	Crowther et al	
	4,233,628	11/11/1980	Ciciora	
	4,249,211	02/03/1981	Baba et al	
	4,249,213	02/03/1981	Imaide et al	

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First Named Inventor	Jonathan B. Orlick
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U.S. PATENT DOCUMENTS

	4,261,006	04/07/1981	Weintraub et al	
	4,264,924	04/28/1981	Freeman	
	4,264,925	04/28/1981	Freeman et al	
	4,270,145	05/26/1981	Farina	
	4,276,597	06/30/1981	Dissly et al	
	4,283,787	08/11/1981	Chambers	
	4,288,809	09/08/1981	Yabe	
	4,290,142	09/15/1981	Schnee et al	
	4,305,101	12/08/1981	Yarbrough et al	
	4,329,684	05/11/1982	Monteath et al	
	4,337,480	06/29/1982	Bourassin et al	
	4,337,483	06/29/1982	Guillou	
	4,344,090	08/10/1982	Belisomi et al	
	4,381,522	04/26/1983	Lambert	
	4,388,645	06/14/1983	Cox et al	
	4,390,901	06/28/1983	Keiser	
	4,393,376	07/12/1983	Thomas	
	4,405,946	09/20/1983	Knight	

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				Attorney Docket Number		ST-44	
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U.S. PATENT DOCUMENTS					
		4,412,244	10/25/1983	Shanley II	
		4,413,281	11/01/1983	Thonnart	
		4,420,769	12/13/1983	Novak	
		4,425,579	01/10/1984	Merrell	
		4,425,581	01/10/1984	Schweppe et al	
		4,429,385	01/31/1984	Cichelli et al	
		4,439,784	03/27/1984	Furukawa et al	
		4,449,249	05/15/1984	Price	
		4,456,925	06/26/1984	Skerlos et al	
		4,466,017	08/14/1984	Banker	
		4,477,830	10/16/1984	Lindman et al	
		4,488,179	12/11/1984	Kruger et al	
		4,495,654	01/22/1985	Deiss	
		4,496,171	01/29/1985	Cherry	
		4,496,976	01/29/1985	Swanson et al	
		4,510,623	04/09/1985	Bonneau et al	
		4,520,404	05/28/1985	Von Kohorn	
		4,523,228	06/11/1985	Banker	

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U.S. PATENT DOCUMENTS					
	4,531,020	07/23/1985	Wechselberger et al		
	4,533,910	08/06/1985	Sukonick et al		
	4,547,804	10/15/1985	Greenberg		
	4,555,775	11/26/1985	Pike		
	4,554,584	11/19/1985	Elam et al		
	4,566,034	01/21/1986	Harger et al		
	4,573,072	02/25/1986	Freeman		
	4,587,520	05/06/1986	Astle		
	4,595,951	06/17/1986	Filliman		
	4,595,952	06/17/1986	Filliman		
	4,598,288	07/01/1986	Yarbrough et al		
	4,602,279	07/22/1986	Freeman		
	4,605,964	08/12/1986	Chard		
	4,605,973	08/12/1986	Von Kohorn		
	4,620,229	10/28/1986	Amano et al		
	4,622,545	11/11/1986	Atkinson		
	4,635,109	01/06/1987	Comeau		
	4,635,121	01/06/1987	Hoffman		

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U.S. PATENT DOCUMENTS					
		4,641,205	02/03/1987	Beyers, Jr.	
		4,677,466	06/30/1987	Lert, Jr. et al	
		4,685,131	08/04/1987	Horne	
		4,689,022	08/25/1987	Peers et al	
		4,691,351	09/01/1987	Hayashi et al	
		4,701,794	10/20/1987	Froling et al	
		4,704,725	11/03/1987	Harvey et al	
		4,706,121	11/10/1987	Young	
		4,712,105	12/08/1987	Kohler	
		4,718,107	01/05/1988	Hayes	
		RE 32,632	03/29/1988	Atkinson	
		4,745,549	05/17/1988	Hashimoto	
		4,748,618	05/31/1988	Brown et al	
		4,750,036	06/07/1988	Martinez	
		4,750,213	06/07/1988	Novak	
		4,751,578	06/14/1988	Reiter et al	
		4,754,326	06/28/1988	Kram et al	
		4,768,228	08/30/1988	Clupper et al	

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Attorney Docket Number	ST-44

U.S. PATENT DOCUMENTS

	4,772,882	09/20/1988	Mical	
	4,775,935	10/04/1988	Yourick	
	4,785,408	11/15/1988	Britton et al	
	4,787,063	11/22/1988	Muguet	
	4,812,834	03/14/1989	Wells	
	4,814,883	03/21/1989	Perine et al	
	4,821,102	04/11/1989	Ichikawa et al	
	4,821,211	04/11/1989	Torres	
	4,829,558	05/09/1989	Welsh	
	4,847,604	07/11/1989	Doyle	
	4,847,700	07/11/1989	Freeman	
	4,857,999	08/15/1989	Welsh, Russell J.	
	4,862,268	08/29/1989	Campbell et al	
	4,864,429	09/05/1989	Eigeldinger et al	
	4,873,623	10/10/1989	Lane et al	
	4,882,732	11/21/1989	Kaminaga et al	
	4,884,223	11/28/1989	Ingle et al	
	4,888,796	12/19/1989	Olivo, Jr.	

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	4,890,321	12/26/1989	Seth-Smith et al	
	4,894,789	01/16/1990	Yee	
	4,899,136	02/06/1990	Beard et al	
	4,905,094	02/27/1990	Pocock et al	
	4,908,707	03/13/1990	Kinghorn	
	4,908,713	03/13/1990	Levine	
	4,908,859	03/13/1990	Bennett et al	
	4,914,517	04/03/1990	Duffield	
	4,914,732	04/03/1990	Henderson et al	
	4,930,158	05/29/1990	Vogel	
	4,930,160	05/29/1990	Vogel	
	4,931,783	06/05/1990	Atkinson	
	4,935,865	06/19/1990	Rowe et al	
	4,937,821	06/26/1990	Boulton	
	4,937,863	06/26/1990	Robert et al	
	4,939,507	07/03/1990	Beard et al	
	4,959,720	09/25/1990	Duffield et al	

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	4,963,994	10/16/1990	Levine	
	4,977,455	12/11/1990	Young	
	4,987,486	01/22/1991	Johnson et al	
	4,991,011	02/05/1991	Johnson et al	
	4,991,012	02/05/1991	Yoshino	
	4,992,940	02/12/1991	Dworkin	
	4,995,078	02/19/1991	Monslow et al	
	4,998,171	03/05/1991	Kim et al	
	5,008,853	04/16/1991	Bly et al	
	5,014,125	05/07/1991	Pocock et al	
	5,027,400	06/25/1991	Baji et al	
	5,036,314	07/30/1991	Barillari et al	
	5,038,211	08/06/1991	Hallenback	
	5,045,947	09/03/1991	Beery	
	5,047,867	09/10/1991	Strubbe et al	
	5,058,160	10/15/1991	Banker et al	
	5,062,060	10/29/1991	Kolnick	
	5,068,734	11/26/1991	Beery	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT *(Use as many sheets as necessary)*

Sheet	10	of	54
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Application Number	09/555,551
Filing Date	August 29, 2000
First Named Inventor	Jonathan B. Orlick
Art Unit	2623
Examiner Name	Hunter B. Lonsberry
Attorney Docket Number	ST-44

U.S. PATENT DOCUMENTS

	5,072,412	12/10/1991	Henderson, Jr. et al	
	5,083,800	01/28/1992	Lockton	
	5,091,785	02/05/1992	Canfield et al	
	5,093,921	03/03/1992	Bevins, Jr.	
	5,103,314	04/07/1992	Keenan	
	5,105,184	04/14/1992	Pirani et al.	
	5,119,188	06/02/1992	McCalley et al	
	5,121,476	06/09/1992	Yee	
	5,123,046	06/16/1992	Levine	
	5,126,851	06/30/1992	Yoshimura	
	5,148,154	09/15/1992	Mackay et al	
	5,151,782	09/29/1992	Ferraro	
	5,155,806	10/13/1992	Hoeber et al	
	5,157,768	10/20/1992	Hoeber et al	
	5,161,023	11/03/1992	Keenan	
	5,162,905	11/10/1992	Itoh et al	
	5,170,388	12/08/1992	Endoh et al	
	5,172,111	12/15/1992	Olivo, Jr.	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT *(Use as many sheets as necessary)*

Sheet	11	of	54
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Application Number	09/555,551
Filing Date	August 29, 2000
First Named Inventor	Jonathan B. Orlick
Art Unit	2623
Examiner Name	Hunter B. Lonsberry
Attorney Docket Number	ST-44

U.S. PATENT DOCUMENTS

	5,177,604	01/05/1993	Martinez	
	5,179,654	01/12/1993	Richards et al	
	5,195,092	03/16/1993	Wilson et al	
	5,200,823	04/06/1993	Yoneda et al	
	5,204,897	04/20/1993	Wyman	
	5,206,722	04/27/1993	Kwan	
	5,210,611	05/11/1993	Yee et al	
	5,214,622	05/25/1993	Nemoto et al	
	5,216,515	06/01/1993	Steele et al	
	5,220,420	06/15/1993	Hoarty et al	
	5,231,493	07/27/1993	Apitz	
	5,233,423	08/03/1993	Jernigan et al	
	5,233,654	08/03/1993	Harvey et al.	
	RE 34,340	08/10/1993	Freeman	
	5,235,415	08/10/1993	Bonicel et al	
	5,236,199	08/17/1993	Thompson, Jr.	
	5,237,411	08/17/1993	Fink et al	
	5,237,417	08/17/1993	Hayashi et al	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	12	of	54
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Application Number	09/555,551
Filing Date	August 29, 2000
First Named Inventor	Jonathan B. Orlick
Art Unit	2623
Examiner Name	Hunter B. Lonsberry
Attorney Docket Number	ST-44

U.S. PATENT DOCUMENTS

	5,237,418	08/17/1993	Kaneko	
	5,239,540	08/24/1993	Rovira et al	
	5,245,420	09/14/1993	Harney et al	
	5,247,347	09/21/1993	Litteral et al	
	5,247,364	09/21/1993	Banker et al	
	5,247,580	09/21/1993	Kimura et al.	
	5,253,067	10/12/1993	Chaney et al	
	5,260,778	10/12/1993	Kauffman et al	
	5,260,999	11/09/1993	Wyman	
	5,283,639	02/01/1994	Esch et al	
	5,283,819	02/01/1994	Glick et al	
	5,301,028	04/05/1994	Banker et al	
	5,307,173	04/26/1994	Yuen et al.	
	5,311,423	05/10/1994	Clark	
	5,313,282	05/17/1994	Hayashi	
	5,319,445	06/07/1994	Fitts	
	5,323,234	06/21/1994	Kawasaki	
	5,323,240	06/21/1994	Amano et al	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT *(Use as many sheets as necessary)*

Sheet	13	of	54
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Application Number	09/555,551
Filing Date	August 29, 2000
First Named Inventor	Jonathan B. Orlick
Art Unit	2623
Examiner Name	Hunter B. Lonsberry
Attorney Docket Number	ST-44

U.S. PATENT DOCUMENTS

	5,325,183	06/28/1994	Rhee	
	5,325,423	06/28/1994	Lewis	
	5,343,239	08/30/1994	Lappington et al	
	5,347,167	09/13/1994	Singh	
	5,347,632	09/13/1994	Filepp et al.	
	5,359,367	10/25/1994	Stockill	
	5,359,601	10/25/1994	Wasilewski et al.	
	5,365,282	11/15/1994	Levine	
	5,367,316	11/22/1994	Ikezaki	
	5,367,330	11/22/1994	Haave et al	
	5,373,288	12/13/1994	Blahut	
	5,377,317	12/27/1994	Bates et al.	
	5,377,319	12/27/1994	Kitahara et al	
	5,382,983	01/17/1995	Kwoh et al	
	5,384,910	01/24/1995	Torres	
	5,387,945	02/07/1995	Takeuchi	
	5,398,074	03/14/1995	Duffield et al.	
	5,404,393	04/04/1995	Remillard	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT *(Use as many sheets as necessary)*

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Application Number	09/555,551
Filing Date	August 29, 2000
First Named Inventor	Jonathan B. Orlick
Art Unit	2623
Examiner Name	Hunter B. Lonsberry
Attorney Docket Number	ST-44

U.S. PATENT DOCUMENTS

	5,410,326	04/25/1995	Goldstein	
	5,410,343	04/25/1995	Coddington et al	
	5,410,367	04/25/1995	Zahavi et al	
	5,412,720	05/02/1995	Hoarty	
	5,416,508	05/16/1995	Sakuma et al	
	5,424,770	06/13/1995	Schmelzer et al	
	5,425,101	06/13/1995	Woo et al	
	5,432,561	07/11/1995	Strubbe	
	5,434,626	07/18/1995	Hayashi et al.	
	5,436,676	07/25/1995	Pint et al.	
	5,438,372	08/01/1995	Tsumori et al.	
	5,459,522	10/17/1995	Pint	
	5,461,415	10/24/1995	Wolf et al	
	5,465,113	11/07/1995	Gilboy	
	5,465,385	11/07/1995	Ohga et al	
	5,469,206	11/21/1995	Strubbe et al	
	5,477,262	12/19/1995	Banker et al	
	5,479,266	12/26/1995	Young et al	

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Substitute for form 1449A/B/PTO				Application Number		09/555,551	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Filing Date		August 29, 2000	
				First Named Inventor		Jonathan B. Orlick	
				Art Unit		2623	
				Examiner Name		Hunter B. Lonsberry	
				Attorney Docket Number		ST-44	
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U.S. PATENT DOCUMENTS					
		5,479,268	12/26/1995	Young et al	
		5,479,497	12/26/1995	Kovarik	
		5,481,296	01/02/1996	Cragun et al	
		5,485,219	01/16/1996	Woo	
		5,485,221	01/16/1996	Banker et al	
		5,495,295	02/27/1996	Long	
		5,523,794	06/04/1996	Mankovitz et al	
		5,523,796	06/04/1996	Marshall et al	
		5,524,195	06/04/1996	Clanton, III et al	
		5,526,034	06/11/1996	Hoarty et al	
		5,528,304	06/18/1996	Cherrick et al	
		5,532,735	07/02/1996	Blahut et al	
		5,532,754	07/02/1996	Young et al	
		5,537,141	07/16/1996	Harper et al	
		5,539,822	07/23/1996	Lett	
		5,541,662	07/30/1996	Adams et al.	
		5,541,738	07/30/1996	Mankovitz	
		5,550,576	08/27/1996	Klosterman	

Examiner Signature	Date Considered
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Sheet	16	of	54
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Application Number	09/555,551
Filing Date	August 29, 2000
First Named Inventor	Jonathan B. Orlick
Art Unit	2623
Examiner Name	Hunter B. Lonsberry
Attorney Docket Number	ST-44

U.S. PATENT DOCUMENTS

	5,557,338	09/17/1996	Maze et al	
	5,559,942	09/24/1996	Gough et al	
	5,561,471	10/01/1996	Kim et al	
	5,570,295	10/29/1996	Isenberg et al	
	5,579,055	11/26/1996	Hamilton et al	
	5,581,479	12/03/1996	McLaughlin et al	
	5,582,364	12/10/1996	Trulin et al	
	5,583,560	12/10/1996	Florin et al	
	5,583,563	12/10/1996	Wanderscheid et al	
	5,585,865	12/17/1996	Amano et al	
	5,596,373	01/21/1997	White et al	
	5,600,366	02/04/1997	Schulman	
	5,602,582	02/11/1997	Wanderscheid et al	
	5,602,596	02/11/1997	Claussen et al.	
	5,602,597	02/11/1997	Bertram	
	5,602,598	02/11/1997	Shintani	
	5,606,374	02/25/1997	Bertram	
	5,617,565	04/01/1997	Augenbraun et al	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT *(Use as many sheets as necessary)*

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Application Number	09/555,551
Filing Date	August 29, 2000
First Named Inventor	Jonathan B. Orlick
Art Unit	2623
Examiner Name	Hunter B. Lonsberry
Attorney Docket Number	ST-44

U.S. PATENT DOCUMENTS

	5,619,247	04/08/1997	Russo, James	
	5,619,249	04/08/1997	Billock et al	
	5,619,274	04/08/1997	Roop et al	
	5,627,940	05/06/1997	Rohra et al	
	5,630,119	05/13/1997	Aristedes et al.	
	5,633,683	05/27/1997	Rosengren et al.	
	5,631,995	05/20/1997	Weissensteiner et al	
	5,635,989	06/03/1997	Rothmuller	
	5,640,501	06/17/1997	Turpin	
	5,640,577	06/17/1997	Scharmer	
	5,642,153	06/24/1997	Chaney et al.	
	5,648,813	07/15/1997	Tanigawa et al	
	5,648,824	07/15/1997	Dunn et al	
	5,650,826	07/22/1997	Eitz	
	5,650,831	07/22/1997	Farwell	
	5,652,613	07/29/1997	Lazarus et al.	
	5,652,615	07/29/1997	Bryant et al.	
	5,654,748	08/05/1997	Matthews III	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Filing Date		August 29, 2000	
				First Named Inventor		Jonathan B. Orlick	
				Art Unit		2623	
				Examiner Name		Hunter B. Lonsberry	
				Attorney Docket Number		ST-44	
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U.S. PATENT DOCUMENTS					
		5,654,886	08/05/1997	Zereski, Jr. et al	
		5,659,366	08/19/1997	Kerman	
		5,661,516	08/26/1997	Carles	
		5,661,517	08/26/1997	Budow et al	
		5,664,111	09/02/1997	Nahan et al	
		5,666,498	09/09/1997	Amro	
		5,671,276	09/23/1997	Eyer et al	
		5,671,411	09/23/1997	Watts et al.	
		5,675,390	10/07/1997	Schindler et al	
		5,675,752	10/07/1997	Scott et al.	
		5,682,206	10/28/1997	Wehmeyer et al	
		5,689,648	11/18/1997	Diaz et al	
		5,689,666	11/18/1997	Berquist et al.	
		5,692,214	11/25/1997	Levine	
		5,694,163	12/02/1997	Harrison	
		5,694,176	12/02/1997	Bruette et al.	
		5,694,381	12/02/1997	Sako	
		5,696,905	12/09/1997	Reimer et al	

Examiner Signature		Date Considered	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT *(Use as many sheets as necessary)*

Sheet	19	of	54
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Application Number	09/555,551
Filing Date	August 29, 2000
First Named Inventor	Jonathan B. Orlick
Art Unit	2623
Examiner Name	Hunter B. Lonsberry
Attorney Docket Number	ST-44

U.S. PATENT DOCUMENTS

	5,699,107	12/16/1997	Lawler et al	
	5,699,125	12/16/1997	Rzeszewski et al.	
	5,708,478	01/13/1998	Tognazzini	
	5,710,601	01/20/1998	Marshall et al	
	5,710,815	01/20/1998	Ming et al	
	5,715,314	02/03/1998	Payne et al	
	5,715,399	02/03/1998	Bezos	
	5,717,452	02/10/1998	Janin et al	
	5,721,829	02/24/1998	Dunn et al	
	5,724,525	03/03/1998	Beyers et al	
	09/034,934	03/04/1998	Ellis et al	
	5,727,060	03/10/1998	Young	
	5,727,163	03/10/1998	Bezos	
	5,731,844	03/24/1998	Rauch et al	
	5,734,444	03/31/1998	Yoshinobu	
	5,734,893	03/31/1998	Li	
	5,737,028	04/07/1998	Bertram et al.	
	5,737,030	04/07/1998	Hong et al	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT *(Use as many sheets as necessary)*

Sheet	20	of	54
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Application Number	09/555,551
Filing Date	August 29, 2000
First Named Inventor	Jonathan B. Orlick
Art Unit	2623
Examiner Name	Hunter B. Lonsberry
Attorney Docket Number	ST-44

U.S. PATENT DOCUMENTS

	5,751,282	05/12/1998	Girard et al.	
	5,752,159	05/12/1998	Faust et al	
	5,754,258	05/19/1998	Hanaya et al	
	5,754,771	05/19/1998	Epperson et al	
	5,757,417	05/26/1998	Aras et al	
	5,758,259	05/26/1998	Lawler	
	5,761,372	06/02/1998	Yoshinobu et al	
	5,761,601	06/02/1998	Nemirofsky et al	
	5,768,528	06/16/1998	Stumm	
	5,774,534	06/30/1998	Mayer	
	5,774,887	06/30/1998	Wolff et al	
	5,778,182	07/07/1998	Cathey et al	
	5,781,226	07/14/1998	Sheehan	
	5,781,245	07/14/98	Weij et al.	
	5,784,258	07/21/1998	Hanaya et al	
	5,790,202	08/04/1998	Kummer et al.	
	5,793,438	08/11/1998	Bedard	
	5,793,964	08/11/1998	Rogers et al	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT *(Use as many sheets as necessary)*

Sheet	21	of	54
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Application Number	09/555,551
Filing Date	August 29, 2000
First Named Inventor	Jonathan B. Orlick
Art Unit	2623
Examiner Name	Hunter B. Lonsberry
Attorney Docket Number	ST-44

U.S. PATENT DOCUMENTS

	5,801,787	09/01/1998	Schein et al	
	5,802,284	09/01/1998	Karlton et al	
	5,805,167	09/08/1998	van Cruyningen	
	5,805,235	09/08/1998	Bedard	
	5,805,763	09/08/1998	Lawler et al	
	5,805,804	09/08/1998	Laursen et al	
	5,808,608	09/15/1998	Young et al	
	5,809,204	09/15/1998	Young et al	
	5,812,205	09/22/1998	Milnes et al	
	5,815,145	09/29/1998	Matthews III	
	5,815,671	09/29/1998	Morrison	
	5,818,438	10/06/1998	Howe et al	
	5,818,439	10/06/1998	Nagasaka et al	
	5,818,441	10/06/1998	Throckmorton et al	
	5,818,541	10/06/1998	Matsuura et al.	
	5,819,019	10/06/1998	Nelson	
	5,819,284	10/06/1998	Farber et al	
	5,828,402	10/27/1998	Collings	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT *(Use as many sheets as necessary)*

Sheet	22	of	54
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Application Number	09/555,551
Filing Date	August 29, 2000
First Named Inventor	Jonathan B. Orlick
Art Unit	2623
Examiner Name	Hunter B. Lonsberry
Attorney Docket Number	ST-44

U.S. PATENT DOCUMENTS

	5,828,419	10/27/1998	Bruette et al.	
	5,828,945	10/27/1998	Klosterman	
	5,848,397	12/08/1998	Marsh et al	
	5,848,352	12/12/1998	Dougherty et al	
	09/217,100	12/16/1998	Reynolds et al	
	5,862,292	01/19/1999	Kubota et al	
	5,867,226	02/02/1999	Wehmeyer et al	
	5,867,227	02/02/1999	Yamaguchi	
	5,874,985	02/23/1999	Matthews, III	
	5,880,768	03/09/1999	Lemmons et al	
	5,883,677	03/16/1999	Hofmann	
	5,892,498	04/06/1999	Marshall et al	
	5,892,535	04/06/1999	Allen et al	
	5,903,314	05/11/1999	Nijima et al.	
	5,903,816	05/11/1999	Broadwin et al	
	5,905,497	05/18/1999	Vaughn et al	
	5,907,366	05/25/1999	Farmer et al	
	09/330,792	06/11/1999	Knudson et al	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT *(Use as many sheets as necessary)*

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Application Number	09/555,551
Filing Date	August 29, 2000
First Named Inventor	Jonathan B. Orlick
Art Unit	2623
Examiner Name	Hunter B. Lonsberry
Attorney Docket Number	ST-44

U.S. PATENT DOCUMENTS

	09/332,244	06/11/1999	Ellis et al	
	5,914,746	06/22/1999	Matthews, III et al	
	5,917,481	06/29/1999	Rzeszewski et al.	
	5,917,830	06/29/1999	Chen et al	
	5,920,700	07/06/1999	Gordon et al	
	09/356,268	07/16/1999	Rudnick et al	
	5,929,849	07/27/1999	Kikinis	
	5,929,850	07/27/1999	Broadwin et al	
	5,936,679	08/10/1999	Kasahara et al	
	5,940,572	08/17/1999	Balaban et al	
	5,959,688	09/28/1999	Schein et al	
	5,960,411	09/28/1999	Hartman et al	
	5,986,650	11/16/1999	Ellis et al	
	5,988,078	11/23/1999	Levine	
	5,990,890	11/23/1999	Etheredge	
	5,999,912	12/07/1999	Wodarz et al	
	6,005,562	12/21/1999	Shiga et al	
	6,005,565	12/21/1999	Legall et al	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT *(Use as many sheets as necessary)*

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Application Number	09/555,551
Filing Date	August 29, 2000
First Named Inventor	Jonathan B. Orlick
Art Unit	2623
Examiner Name	Hunter B. Lonsberry
Attorney Docket Number	ST-44

U.S. PATENT DOCUMENTS

	6,008,802	12/28/1999	Iki	
	6,011,546	01/04/2000	Bertram	
	6,014,137	01/11/2000	Burns	
	6,016,141	01/18/2000	Knudson et al	
	6,018,768	01/25/2000	Ullman et al	
	6,020,883	02/01/2000	Herz et al	
	6,028,599	02/22/2000	Yuen et al	
	6,035,304	03/07/2000	Machida et al	
	6,047,317	04/04/2000	Bisdikian et al	
	6,049,824	04/11/2000	Simonin	
	6,061,060	05/09/2000	Berry et al	
	6,064,980	05/16/2000	Jacobi et al	
	6,067,303	05/23/2000	Aaker et al	
	6,072,460	06/06/2000	Marshall et al	
	6,075,551	06/13/2000	Berezowski et al	
	6,075,575	06/13/2000	Schein et al	
	6,091,883	07/18/2000	Artigas et al	
	6,098,065	08/01/2000	Skillen et al	

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Substitute for form 1449A/B/PTO				Application Number		09/555,551	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Filing Date		August 29, 2000	
				First Named Inventor		Jonathan B. Orlick	
				Art Unit		2623	
				Examiner Name		Hunter B. Lonsberry	
				Attorney Docket Number		ST-44	
Sheet	25	of	54				

U.S. PATENT DOCUMENTS					
		6,108,042	08/22/2000	Adams et al	
		6,119,101	09/12/2000	Peckover	
		6,122,011	09/19/2000	Dias et al.	
		6,125,230	09/26/2000	Yaginuma	
		6,133,909	10/17/2000	Schein et al	
		6,141,003	10/31/2000	Chor et al	
		6,147,714	11/14/2000	Terasawa et al	
		6,154,203	11/28/2000	Yuen et al	
		6,160,545	12/12/2000	Eyer et al	
		6,160,546	12/12/2000	Thompson et al	
		6,173,271	01/09/2001	Goodman et al	
		6,186,443	02/13/2001	Shaffer	
		6,191,780	02/20/2001	Martin et al	
		6,202,212	03/13/2001	Sturgeon et al	
		6,209,129	03/27/2001	Carr et al	
		6,209,130	03/27/2001	Rector, Jr. et al	
		6,239,794	05/29/2001	Yuen et al	
		6,253,203	06/26/2001	O'Flaherty et al	

Examiner Signature	Date Considered
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT *(Use as many sheets as necessary)*

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Application Number	09/555,551
Filing Date	August 29, 2000
First Named Inventor	Jonathan B. Orlick
Art Unit	2623
Examiner Name	Hunter B. Lonsberry
Attorney Docket Number	ST-44

U.S. PATENT DOCUMENTS

	6,256,071	07/03/2001	Hiroi	
	6,256,785	07/03/2001	Klappert et al	
	6,257,268	07/10/2001	Hope et al	
	6,268,849	07/31/2001	Boyer et al	
	6,275,268	08/14/2001	Ellis et al.	
	6,285,713	09/04/2001	Nakaya et al	
	6,289,346	09/11/2001	Milewski et al	
	6,320,588	11/20/2001	Palmer et al	
	6,331,877	12/18/2001	Bennington et al	
	6,341,195	01/22/2002	Mankovitz et al	
	6,342,926	01/29/2002	Hanafee et al	
	6,357,042	03/12/2002	Srinivasan et al	
	6,381,582	04/30/2002	Walker et al	
	6,396,546	05/28/2002	Alten et al	
	6,400,407	06/04/2002	Zigmond et al	
	6,405,371	06/11/2002	Oosterhout et al	
	6,411,308	06/25/2002	Blonstein et al	
	6,421,067	07/16/2002	Kamen et al	

Examiner Signature		Date Considered	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT *(Use as many sheets as necessary)*

Sheet	27	of	54
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Application Number	09/555,551
Filing Date	August 29, 2000
First Named Inventor	Jonathan B. Orlick
Art Unit	2623
Examiner Name	Hunter B. Lonsberry
Attorney Docket Number	ST-44

U.S. PATENT DOCUMENTS

	6,446,261	09/03/2002	Rosser	
	6,477,579	11/05/2002	Kunkel et al	
	6,486,920	11/26/2002	Arai et al	
	6,498,895	12/24/2002	Young et al	
	6,546,556	04/08/2003	Kataoka et al	
	6,564,379	05/13/2003	Knudson et al	
	6,574,424	06/03/2003	Dimitri et al	
	6,588,013	07/01/2003	Lumley et al	
	6,600,364	07/29/2003	Liang et al	
	6,600,503	07/29/2003	Stautner et al	
	6,606,128	08/12/2003	Hanafee et al	
	6,622,306	09/16/2003	Kamada	
	6,631,523, B1	10/07/2003	Matthews et al.	
	6,651,251	11-2003	Shoff et al.	
	6,660,503	12/09/2003	Kierulff	
	6,665,869	12/16/2003	Ellis et al.	

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U.S. PATENT DOCUMENTS

	6,732,369	05/04/2004	Schein	
	6,738,978	05/25/2004	Hendricks et al	
	6,742,183	05/25/2004	Reynolds et al	
	6,751,800	06/15/2004	Fukuda et al	
	6,757,906	06/29/2004	Look et al	
	6,756,997	06/29/2004	Ward, III et al.	
	6,799,327	09/28/2004	Reynolds et al	
	6,828,993	12/07/2004	Hendricks et al	
	6,868,551	03/15/2005	Lawler et al	
	6,938,208	08/30/2005	Reichardt	
	6,973,669	12/06/2005	Daniels	
	7,003,792	02/21/2006	Yuen	
	7,028,326	04/11/2006	Westlake et al	
	7,069,576	06/27/2006	Knudson et al	
	7,266,833	09/04/2007	Ward, III et al	

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First Named Inventor	Jonathan B. Orlick
Art Unit	2623
Examiner Name	Hunter B. Lonsberry
Attorney Docket Number	ST-44

U.S. PUBLISHED DOCUMENTS

Examiner Initials*	Cite No.†	Document Number Country Code*-Number*-Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee	Classification
		2001/0001160	05/10/2001	Schoff et al	
		2001/0029610	10/11/2001	Corvin et al	
		2001/0047298	11/29/2001	Moore et al	
		2001/0049820	12/06/2001	Barton, James M.	
		2001/0054181	12/20/2001	Corvin	
		2002/0042913	04/11/2002	Ellis et al	
		2002/0042918	04/11/2002	Townsend et al	
		2002/0049973	04/25/2002	Alten et al	
		2002/0073424	06/13/2002	Ward, III et al	
		2002/0083439	06/27/2002	Eldering, Charles A.	
		2002/0092017	07/11/2002	Klosterman et al	
		2002/0124249	09/05/2002	Shintani et al	
		2003/0005432	01/02/2003	Ellis et al	
		2003/0188310 A1	10/02/2003	Klosterman et al	
		2003/0196201 A1	10/16/2003	Schein et al	
		2003/0196203 A1	10/16/2003	Ellis et al.	
		2003/0110499	06/12/2003	Knudson et al	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT *(Use as many sheets as necessary)*

Sheet	30	of	54
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Application Number	09/555,551
Filing Date	August 29, 2000
First Named Inventor	Jonathan B. Orlick
Art Unit	2623
Examiner Name	Hunter B. Lonsberry
Attorney Docket Number	ST-44

U.S. PUBLISHED DOCUMENTS

Examiner Initials*	Cite No.†	Document Number Country Code* - Number* - Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee	Classification
		2003/0163813 A1	08/28/2003	Klosterman et al	
		2003/0164858 A1	09/04/2003	Klosterman et al	
		2004/0003407	01/01/2004	Hanabee et al.	
		2004/0049787	03/11/2004	Maissel et al.	
		2004/0139465	07/15/2004	Matthews et al	
		2004/0168189	08/29/2004	Reynolds et al.	
		2004/0194131	09/30/2004	Ellis et al	
		2004/0194138 A1	09/30/2004	Boylan III et al	
		2005/0155056	07/14/2005	Knee et al	
		2005/0157217	07/21/2005	Hendricks	
		2005/0198668	09/08/2005	Yuen et al	
		2005/0204382	09/15/2005	Ellis	
		2005/0216936	09/29/2005	Knudson	
		2005/0244138	11/03/2005	O'Connor et al	
		2005/0283796	12/22/2005	Flickinger, Gregory C.	

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Sheet	31	of	54
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Application Number	09/555,551
Filing Date	August 29, 2000
First Named Inventor	Jonathan B. Orlick
Art Unit	2623
Examiner Name	Hunter B. Lonsberry
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FOREIGN PATENT DOCUMENTS

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		Country Code ² -Number ³ -Kind Code ⁴ (if known)				
		CA 1,030,505	05/02/1978	Lewis		
		GB 1 554 411	10/17/1979	Templin et al		
		GB 2,034,995	06/11/1980	British Broadcasting Corp.		
		DE 2918846	11/13/1980	Grundig		X
		JP 58-137334	08/15/1983	NEC Corp.		X
		JP 58-137344	08/15/1983	NEC Corp.		X
		JP 58-196738	11/16/1983	NEC Corp.		X
		JP 58 210776 A	12/08/1983	Nippon Electric Co.		X
		GB 2,126,002	03/14/1984	Browse, Simon W.		
		DE 3246225	06/14/1984	ANT Nachricht-tentechnic GmbH		X
		JP 60-061935	04/09/1985	Matsushita Electric Ind Co Ltd.		X
		DE 3337204	04/25/1985	Telefunken Fernseh und Rundfunk GmbH		X
		CA 1,187,197	05/14/1985	Douglas		
		CA 1,188,811	06/11/1985	Dissly et al		
		CA 1,196,082	10/29/1985	Chapman et al		
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First Named Inventor	Jonathan B. Orlick
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		Country Code ² -Number ³ -Kind Code ⁴ (if known)				
		CA 1,200,911	02/18/1986	Kikuchi		
		WO 86/01962	03/27/1986	Scientific Atlanta, Inc.		
		JP 61-074476	04/16/1986	Sony Corp.		X
		JP 62-060370	03/17/1987	Casio Computer Co., Ltd.		X
		JP 62-060384	03/17/1987	Casio Computer Co., Ltd.		X
		WO 87/03766	06/18/1987	Deutsche Thomson Brandt GmbH		
		GB 2,185,670	07/22/1987	Calif, Peter J.		
		EP 0 239 884	10/07/1987	IBM Corporation		
		WO 88/04057	06/16/1988	Chambers		
		WO 88/04507	06/16/1988	British Broadcasting Corp.		
		DE 3621263	07/01/1988	Standard Elektrik Lorenz AG		X
		JP 63 234679 A	09/29/1988	Sony Corp.		
		WO 89/02682	03/23/1989	Harvey et al		
		WO 89/03085	04/06/1989	Fox		
		JP 01-307944	12/12/1989	Patoroma Res KK		X

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		WO 89/12370	12/14/1989	Monslow, H.		
		WO 90/01243	02/08/1990	Bush, Thomas A.		
		JP 02-048879	02/19/1990	Hashimoto Corp.		X
		DE 3909334	09/20/1990	Werner		X
		EP 0 396 062	11/07/1990	Cableshare Inc.		
		EP 0 401 930	12/12/1990	N V Phillips Gloeilampenfabrieken, December 12, 1990		
		WO 90/15507	12/13/1990	Right Hemisphere PTY., Ltd.		
		WO 91/00670	01/10/1991	Hallenbeck		
		EP 0 408 892	01/23/1991	Grundig EMV		X
		JP 03063990	03/19/1991	Naka Masafumi		
		EP 0 420 123	04/03/1991	Sanyo Electric Co., Ltd.		
		EP 0 424 648 A3	05/02/1991	General Instrument Corporation		
		EP 0 444 496 B1	09/04/1991	Hitachi, Ltd.		
		EP 0 447 968 A2	09/25/1991	RCA Licensing Corp.		
		WO 91/18476	11/28/1991	Control Data Corp.		
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		FR 2,662,895	12/06/1991	Telediffusion de France		X
		WO 92/04801	03/19/1992	Insight Telecast, Inc.		
		JP 04-227380	08/17/1992	Hitachi Ltd.		X
		GB 2,256,546	12/09/1992	Thomson Consumer Electronics, Inc.		
		EP 0 550 911	12/30/1992	Duffield et al.		
		WO 93/04473	03/04/1993	Yuen, Henry C.		
		EP 0 532 322	03/17/1993	Sony Corp.		
		WO 93/05452	03/18/1993	Croy, Clemens		
		WO 93/11638	06/10/1993	Scientific Atlanta, Inc.		
		WO 93/11639	06/10/1993	Scientific-Atlanta, Inc.		
		WO 93/11640	06/10/1993	Scientific Atlanta, Inc.		
		JP 05-183826	07/23/1993	Matsushita Electric Ind. Co. Ltd.		X
		EP 0 560 593 A2	09/15/1993	Sony Corporation		
		WO 93/23957	11/25/1993	Mankovitz, Roy J.		
		EP 0 572 090 B	12/01/1993	Philips Electronics NV		

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Substitute for form 1449A/B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT *(Use as many sheets as necessary)*

Sheet	35	of	54
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Application Number	09/555,551
Filing Date	August 29, 2000
First Named Inventor	Jonathan B. Orlick
Art Unit	2623
Examiner Name	Hunter B. Lonsberry
Attorney Docket Number	ST-44

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	1 ^o
		Country Code ² -Number ³ -Kind Code ⁴ (if known)				
		JP 06-021907	01/28/1994	New Media Corp		
		WO 94/13107	06/09/1994	Hendricks et al		
		CA 2,151,458	06/23/1994	Hendricks et al		
		WO 94/14282	06/23/1994	Discovery Communications, Inc.		
		WO 94/14283	06/23/1994	Discovery Communications, Inc.		
		WO 94/21085	09/15/1994	Scientific-Atlanta, Inc.		
		CA 2,164,608	12/22/1994	Hamilton		
		WO 94/29811	12/22/1994	Scientific-Atlanta, Inc.		
		WO 95/01056	01/05/1995	Apple Computer, Inc.		
		WO 95/01058	01/05/1995	Apple Computer, Inc.		
		WO 95/01059	01/05/1995	Florin et al		
		JP 07-020254	01/24/1995	Roehm Properties BV		
		JP 07-050259	02/21/1995	Matsushita Electric Inc. Co Ltd.		
		WO 95/06389	03/02/1995	Twix Equipment AG		
		JP 07-076592	03/20/1995	BASF AG		

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Sheet	36	of	54
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Application Number	09/555,551
Filing Date	August 29, 2000
First Named Inventor	Jonathan B. Orlick
Art Unit	2623
Examiner Name	Hunter B. Lonsberry
Attorney Docket Number	ST-44

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		Country Code ² -Number ³ -Kind Code ⁴ (if known)				
		WO 95/10910	04/20/1995	Intel Corporation		
		JP 07-123326	05/12/1995	Sony Corporation		
		JP 07-147657	06/06/1995	Systek KK		
		WO 95/15649	06/08/1995	Discovery Communications, Inc.		
		WO 95/15657	06/18/1995	Discovery Communications, Inc.		
		WO 95/15658	06/18/1995	Discovery Communications, Inc.		
		WO 95/19092 A1	07/13/1995	Thomson Consumer Electronics, Inc.		
		WO 95/28055	10/19/1995	Marshall et al		
		EP 0682452 A2	11/15/1995	Microsoft Corporation		
		WO 95/30961	11/16/1995	Tackbary, Mary		
		WO 95/31069	11/16/1995	Starsight Telecast Inc		
		WO 95/32583	11/30/1995	TV Guide On Screen		
		JP 07-321748	12/08/1995	Hitachi Ltd.		X
		JP 08-32528	02/02/1996	Sony Corp.		X
		JP 08-32538	02/02/1996	Sony Corp.		X

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)

Sheet	37	of	54
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Application Number	09/555,551
Filing Date	August 29, 2000
First Named Inventor	Jonathan B. Orlick
Art Unit	2623
Examiner Name	Hunter B. Lonsberry
Attorney Docket Number	ST-44

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		Country Code ¹ -Number ² -Kind Code ³ (if known)				
		WO 96/07270A	03/07/1996	Henry C. Yuen		
		WO 96/13932 A1	05/09/1996	Gemstar		
		WO 96/13935	05/09/1996	TV Guide On Screen		
		JP 08-125497	05/17/1996	NEC Home Electron Ltd.		X
		WO 96/17467	06/06/1996	Herz Frederick		
		WO 96/17473	06/06/1996	TV Guide On Screen		
		WO 96/21990	07/18/1996	Scientific Atlanta, Inc.		
		EP 0 725 539	08/07/1996	Sony Corp.		
		JP 08-251122	09/27/1996	Sony Corp.		
		WO 96/31980	10/10/1996	Prevue International, Inc.		
		JP 08-275077	10/18/1996	Sony Corp.		
		WO 96/34467	10/31/1996	Wink Communications Inc.		
		WO 96/34486	10/31/1996	TV Guide On Screen		
		WO 96/38799	12/05/1996	Amazon.com, Inc.		
		WO 96/41477	12/19/1996	TV Guide On Screen		

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)

Sheet	38	of	54
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Application Number	09/555,551
Filing Date	August 29, 2000
First Named Inventor	Jonathan B. Orlick
Art Unit	2623
Examiner Name	Hunter B. Lonsberry
Attorney Docket Number	ST-44

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	1 st
		Country Code ¹ -Number ¹ -Kind Code ² (if known)				
		EP 0 752 767 A2	01/08/1997	Personalized Media Communications, LLC		
		WO 97/04595	02/06/1997	Starsight Telecast Inc.		
		JP 0903751	02/07/1997	Sony		
		DE 19531121 A1	02/27/1997	Bostrom, Olef		X
		EP 0 762 751	03/12/1997	Hitachi Ltd.		
		WO 97/013368	04/10/1997	Starsight Telecast Inc.		
		JP 09-102827	04/15/1997	Sony Corp.		X
		EP 0 775 417 B1	05/28/1997	United Video Properties, Inc.		
		GB 2,309,134 A	07/16/1997	Concept Development Ltd.		
		EP 0 805 594 B1	11/05/1997	Sony Corp.		
		WO 97/49241	12/24/1997	Ben-Moshe		
		EP 0 880 856 B1	02/02/1998	Starsight Telecast, Inc.		
		EP 0 784 405 A3	03/04/1998	Sony Corporation		
		EP 0 827 340 A2	03/04/1998	Matsushita Electric Ind. Co., Ltd.		
		WO 98/10589	03/12/1998	Starsight Telecast, Inc.		
Examiner Signature				Date Considered		

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Sheet	39	of	54
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Application Number	09/555,551
Filing Date	August 29, 2000
First Named Inventor	Jonathan B. Orlick
Art Unit	2623
Examiner Name	Hunter B. Lonsberry
Attorney Docket Number	ST-44

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		Country Code ² -Number ³ -Kind Code ⁴ (if known)				
		EP 0 834 798	04/08/1998	Compaq Computer Corporation		
		WO 98/16062	04/16/1998	Chang, Allen		
		WO 98/20675	05/14/1998	Hoover et al		
		EP 0 848 554 A2	06/17/1998	IMB		
		WO 98/26569	06/18/1998	Kampfenkel		
		WO 98/26584	06/18/1998	Prevue International, Inc.		
		EP 0 852 442 A2	07/08/1998	Discovery Communications, Inc.		
		AU 56198/98	07/15/1998	Index Systems Inc.		
		AU 731010	07/15/1998	Yuen et al		
		WO 98/31148	07/16/1998	Prevue International, Inc.		
		EP 0 854 645 A2	07/22/1998	Texas Instruments, Inc.		
		WO 98/43183	10/01/1998	Sony Electronics, Inc.		
		WO 98/47279	10/22/1998	Starsight Telecast, Inc.		
		JP 2838892	12/12/1998	Patoroma Res KK		
		AU 733993	02/10/1999	E Guide		

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	40	of	54
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Application Number	09/555,551
Filing Date	August 29, 2000
First Named Inventor	Jonathan B. Orlick
Art Unit	2623
Examiner Name	Hunter B. Lonsberry
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		Country Code ² -Number ³ -Kind Code ⁴ (if known)				
		DE 19740079 A1	03/18/1999	Ciburski, Guido		X
		EP 0 905 985 A2	03/31/1999	Matsushita Electronic Industrial Co., Ltd		
		WO 99/18722	04/15/1999	TCI-TVGOS, Inc.		
		WO 99/29109	06/10/1999	Starsight Telecast, Inc.		
		WO 99/30491	06/17/1999	Prevue International, Inc.		
		EP 0 924 927 A2	06/23/1999	Matsushita Electronic Industrial Co., Ltd		
		WO 99/31480	06/24/1999	Varian, Inc.		
		EP 0 935 393 A2	08/11/1999	Discovery Communications, Inc.		
		WO 99/45702	09/10/1999	James C. Fox		
		EP 0 944 253 A1	09/22/1999	Sony Corporation		
		WO 99/56466	11/04/1999	United Video Properties, Inc.		
		WO 99/56473	11/04/1999	United Video Properties, Inc.		
		WO 99/60783	11/25/1999	United Video Properties, Inc.		
		EP 0 963 119 A1	12/08/1999	Thomson Multimedia		

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Sheet	41	of	54
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Application Number	09/555,551
Filing Date	August 29, 2000
First Named Inventor	Jonathan B. Orlick
Art Unit	2623
Examiner Name	Hunter B. Lonsberry
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		WO 00/05889	02/03/2000	United Video Properties, Inc.		
		WO 00/11865	03/03/2000	Sony Electronics		
		EP 0 988 876	03/29/2000	Two Way TV Ltd.		
		WO 00/27122	05/11/2000	United Video Properties, Inc.		
		WO 00/28734	05/18/2000	United Video Properties, Inc.		
		WO 00/33224	06/08/2000	Index Systems, Inc.		
		WO 00/33560	06/08/2000	United Video Properties, Inc.		
		WO 00/49801	08/24/2000	Index Systems, Inc.		
		WO 00/79798	12/28/2000	Forrer et al		
		DE 19931046	01/11/2001	MGM Media Gruppe Munchen Werbeforschung und-Vermarktung GmbH & co.		X
		WO 01/06784	01/25/2001	United Video Properties		
		WO 01/15438	03/01/2001	Spotware Technologies, Inc.		
		EP 1 095 504 B1	05/02/2001	United Video Properties, Inc.		

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Sheet	42	of	54	Application Number	09/555,551
				Filing Date	August 29, 2000
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				Examiner Name	Hunter B. Lonsberry
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		WO 01/35662	05/17/2001	Thomas et al		
		JP 2001-213595	08/07/2001	Nippon Yusoki Co. Ltd.		
		EP 0 822 718 B1	06/19/2002	Discovery Communications, Inc.		
		JP 2002-279969	09/27/2002	Toyota Motor Corp.		

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)

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Application Number	09/555,551
Filing Date	August 29, 2000
First Named Inventor	Jonathan B. Orlick
Art Unit	2623
Examiner Name	Hunter B. Lonsberry
Attorney Docket Number	ST-44

OTHER DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		272OR Satellite Receiver User's Guide," <i>General Instrument</i> , 1991, pp. 58-61.	
		"Addressable Converters: A New Development at CableData," <i>Via Cable</i> , Vol. 1, No. 12, Dec. 1981.	
		Advertisement for "TV Decisions," <i>Cable Vision</i> , August 4, 1986.	
		Alexander, Michael "Visualizing cleared-off desktops," <i>Computerworld</i> , May 6, 1991, p.20.	
		Antonoff, M., "Stay Tuned for Smart TV," <i>Popular Science</i> , Nov. 1990, pp. 62-65.	
		Baer, R.H., "Innovative Add-On TV Products," <i>IEEE Transactions on Consumer Electronics</i> , Vol. CE-25, Nov. 1979, pp. 765-771.	
		"Bell Atlantic Buys Cable TV Company for \$22bn," <i>Financial Times</i> (London), 10/14/93 pg. 65	
		Bensch, U., "VPP Videotext Programs Videorecorder," <i>IEEE Paper</i> , June 1988, pp. 788-792.	

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Art Unit 2623				
Examiner Name Hunter B. Lonsberry				
Sheet	44	of	54	Attorney Docket Number ST-44

OTHER DOCUMENTS		
	Bestler, Caitlin "Flexible Data Structures and Interface Rituals for Rapid Development of OSD Applications," Proceedings from the Eleven Technical Sessions, 42nd Annual Convention and Exposition and Exploration of the NCTA, San Francisco, CA June 6-9, 1993, pp. 223-236. 06/06/1993	
	Brochure, "A New Approach To Addressability," CableData, undated.	
	Brochure, "Westar and Videotoken Network Present The CableComputer," Revised 8-15-85 (Plaintiff's 334).	
	Brochure, Time Inc., "Now, Through the Advances of the Computer Age, You Can Get the Information You Want, When You Want It. Instantly and Conveniently, On Your Home TV Screen," "Time Teletext, Time Video Information Services, Inc., undated (V 79167-79175).	
	Brochure, VTN "Videotoken Network, New Dimension Television," Dec. 1985 (Plaintiff's Exhibit 313).	
	Brugliera, Vito., "Digital On-Screen Display - A New Technology for the Consumer Interface," Symposium Record Cable TV Sessions of the 18th International Television Symposium & Technical Exhibition - Montreux, Switzerland, June 10-15, 1993, pp. 571-586.	
	Cable Computer User's Guide, Rev. 1, December 1985 (Plaintiff's Exhibit 289).	
	"Cable Television Equipment," Jerrold Communications Publication, dated 1992 and 1993, pp. 8-2.1 to 8-6 and 8-14.1 to 8-14.3.	

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OTHER DOCUMENTS		
	Carne, E.B., "The Wired Household," IEEE Spectrum, Vol. 16 No. 10, Oct. 1979, pp. 61-66.	
	Chan, Patrick P., "Learning Considerations In User Interface Design: The Room Model," Publication of the Software Portability Laboratory, University of Waterloo, Ontario, Canada, July 1984.	
	Christodoulakis, Steven and Graham, Stephen "Browsing Within Time-Driven Multimedia Documents," publication of the Institute for Computer Research, University of Waterloo, Waterloo, Ontario, Canada July 1988 pp. 219-227.	
	"Computer Network: Current Status and Outlook on Leading Science and Technology," Bureau of Science & Technology (Japan), Volume 1, December 1986.	
	Cox, J. et al, "Extended Services in A Digital Compression System," <i>Proceedings from Eleven Technical Sessions: 42nd Annual Convention and Exposition of the National Cable Television Association</i> , June 1993, pp. 185-191.	
	"Creation/Modification of the Audio Signal Processor Setup for a PC Audio Editor, IBM Technical Disclosure Bulletin, Vol. 30, No. 10, Mar. 1988, pp. 367-376.	
	"D2B-Home Bus For Audio and Video," Selektor, Apr. 1990, pp. 10, 12.	
	Damouny, N.G., "Teletext Decoders—Keeping Up With the Latest Advances," IEEE Transactions on Consumer Electronics, Vol. CE-30, No. 3, August 1984, pp.429-435.	
	"Dial M for Movie", Funkschau 11/94 Perspektiven, Video on Demand, pages 78-79. (English language translation attached).	
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OTHER DOCUMENTS		
	<p>"Digital Video Broadcasting (DVB): DVB specification for data broadcasting," European Telecommunication Standards Institute, Draft EN 301 192 V1.2.1 (1999-01).</p>	
	<p>DiRosa, S. "BIGSURF Netguide", July 1995, Vol. 3.1 (Sections 18,21, and 28 – renumbered as pages 1-27).</p>	
	<p>"Duck Tales,"(1987)[TV Series 1987-1990]," Internet Movie Database (IMDB) [Retrieved on 04-07-2007].</p>	
	<p>Edwardson, S.M., & Gee, A., "CEEFA: A Proposed New Broadcasting Service," Journal of the SMPTE, Jan. 1974, Vol. 83 No.1, pp. 14-19.</p>	
	<p>Eitz, Gerhard, "Zukünftige Informations-und Datenangebote beim digitalen Fernsehen-EPG Und 'Leeseichen'," RTM Rundfunktechnische Mitteilungen, June 1997, Vol. 41, pp.67-72.</p>	
	<p>"Enhanced Content Specification," "ATVEF," from the internet at http://www.atvef.com/library/spec.html, printed 8/22/01, the document bears a Copyright date of 1998, 1999, 2000.</p>	
	<p>European Telecommunication Standard, Electronic Programme Guide (EPG); Protocol for a TV Guide using electronic data transmission," by European Telecommunication Standards Institute, Valbonne, France, publication no. ETS 300 707 date of May 1997.</p>	

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OTHER DOCUMENTS		
	"European Telecommunications Standards: Digital Broadcasting Systems For Television Sound and Data Services; Specification for Service Information (SI) in Digital Video Broadcasting (DVB) Systems," European Telecommunications Standards Institute, December, 1994.	
	"Facsimile Transmission," NHK Research Monthly Report, December 1987(Unknown author).	
	Hartwig, Rautenberg, Bollmann, "Broadcasting and Processing of Program Guides for Digital TV," SMPTE Journal, pp. 727-732, October 1997.	
	Hedger, J., "Telesoftware: Home Computing Via Broadcast Teletext," IEEE Transactions on Consumer Electronics, Vol. CE-25, No. 3, July 1979, pp. 279-287.	
	Hiroshi Ishii et al, "Clearface: Translucent Multiuser Interface for TeamWorkStation," ECSCW, Sep. 1991, pp. 6-10.	
	Hiroshi Ishii et al, "Toward an Open Shared Workspace: Computer and Video Fusion Approach of Team Workstation," Communications of the ACM, Dec. 1991, Vol. 34 No.12, pp. 37-50.	
	Hirotada Ueda et al, "Impact: An Interactive Natural-Motion-Picture Dedicated Multi-Media Authoring System," Communications of the ACM, Mar. 1991, pp.343-350.	
	Hofmann, Neumann, Oberlies & Schadwinkel, "Videotext Programmirt Videorecorder," Rundfunktechnischen Mitteilungen, (Broadcast Engineering Reports), Vol. 26 No.6, pp. 254-257, Nov.-Dec. 1982.	

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Sheet	48	of	54	Attorney Docket Number		ST-44	

OTHER DOCUMENTS

	Installation Guide, "Getting Started 1" Manual, and Remote Control "Quick Reference Guide"	
	Instructional Manual, "Sonic The Hedgehog," Sega of America, 1992	
	"Interactive Computer Conference Server," IBM Technical Bulletin, Vol. 34, No. 7A, Dec. 1991, pp. 375-377.	
	"Interface Device for Conventional TVs to Improve Functionality," IBM Technical Disclosure Bulletin, Vol. 36, No. 7, July 1993, pp.53-54.	
	James Sorce, David Fay, Brian Raila and Robert Virzi, "Designing a Broadband Residential Entertainment Service: A Case Study," GTE Laboratories Incorporated, undated, pp. 141-148.	
	James, A., "Oracle --Broadcasting the Written Word," Wireless World, July 1973, Vol. 79 No.1453, pp. 314-316.	
	Judice, C.N., "Move Over Cable, Here Comes Video Via Voice Lines," Network World, September 1986, p. 26.	
	Karstad, K., "Microprocessor Control for Color-TV Receivers," IEEE Transactions on Consumer Electronics, Vol. CE-26, May 1980, pp. 149-155.	
	Kornhaas, W., "Von der Textprogrammierung uber TOP zum Archivsystem," Radio Fernsehen Elektronik, Vol. 40, No. 8, August 30, 1991, pp. 465-468, XP 000240875 Veb Verlag Technik. Berlin, DE ISSN: 1436-1574.	

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	Listing of computer code for operating system within the Cable Computer in 1985 (Plaintiff's Exhibit 298).	
	Listing of computer code for Video HTU Program (Plaintiff's Exhibit 299).	
	"Lists> What's On Tonite! TV Listings (fwd)," Internet article (On line), 1-28-1995, XP 002378869 [Retrieved on 4-28-2006].	
	Lowenstein, R.L. and Aller, H.E., "The Inevitable March of Videotex," Technology Review, Vol. 88, Oct. 1985, p. 22.	
	M/A-COM, Inc., "Videocipher II Satellite Descrambler Owner's Manual," dated February 1986, pgs. 1-24.	
	Mack Daily, "Addressable Decoder with Downloadable Operation," Proceedings from the Eleven Technical Sessions, 42nd Annual Convention and Exposition of the NCTA, June 6-9, 1993, pp. 82-89.	
	Mannes, G., "Smart Screens: Development of Personal Navigation Systems for TV Viewers," Video Magazine, December 1993.	
	March 19, 1985 letter from G. Knapp of CableData to R. Hansen of Weststar Communications, Inc. (Plaintiff's Exhibit 325).	
	Markowitz, A. "Companies Jump on Interactive Bandwagon," <i>Discount Store News</i> , December 6, 1993, pp. 4 and 131.	

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OTHER DOCUMENTS		
	McKenzie, G.A., "Oracle — An Information Broadcasting Service Using Data Transmission in the Vertical Interval," Journal of the SMPTE, Jan. 1974, Vol.83 No. 1, pp. 6-10.	
	Merrell, R.G., "Tac Timer," 1986 NCTA Technical Papers, pp.203-206.	
	"MSI Datacasting Systems," TV Communications Journal, Jan. 1973.	
	Neumann, Andreas, "WDR Online Aufbau und Perspektiven Automatisierter Online-Dienste im WDR," RTM Rundfunktechnische Mitteilungen, Vol. 41, pp. 56-66, June 1997.	
	No subject, "Tom Schauer (tschauer@moscow.com) Thu, 28 Sep 1995 16:46:48-700," XP-002378870 [Retrieved from the Internet 04-28-2006].	
	Office Action dated September 8, 2006 re U.S. Patent Application 10/453,388 (Examiner Ngoc K. Vu)	
	"Open TV fur interaktives Fernsehen," Trend and Technik, 9-95 RFE, page 100. (English language translation attached).	
	"Open TV Launches OpenStreamer™ Technology for Broadcasters to Deliver First Ever Real-Time Digital Interactive Television," from the internet at http://www.opentv.com/news/openstreamer_press_final.htm , printed on 6/28/99, the document bears a copyright date of 1999.	
	Pfister, Larry T., "Teletext: Its Time Has Come," Prepared For The IGC Videotext / Teletext Conference, Andover, Massachusetts, December 14, 1982, pp. 1-11	
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Art Unit	2623
Examiner Name	Hunter B. Lonsberry
Attorney Docket Number	ST-44

OTHER DOCUMENTS

	Prevue Guide Brochure, Spring 1994.	
	"Prevue Networks and OpenTV(R) Agree to Work Together on Deploying Interactive Program Guides Worldwide," from the internet at http://www.opentv.com/news/prevuefinal.htm , printed on 6/28/99.	
	"Probe XL Brochure, Auto Tote Systems Inc.," (Newark, Delaware) (undated) 57 pgs.	
	Prodigy Launches Interactive TV Listing", April 22, 1994 public Broadcasting Report.	
	Rayers, D.J., "Telesoftware by Teletext," 1984 IEEE Conference Papers, Vol. 240, p. 323.	
	"Rewind, reply and unwind with new high-tech TV devices," by Lawrence J. Magid, <i>LA Times</i> . This document was printed from the internet on June 6, 1999 and bears a date of May 19, 1999.	
	Rogers, "Telcos vs. Cable TV : The Global View With Markets Converging And Regulatory Barriers Falling, Service Carriers Are Ready To Rumble," Data Communications, September 21, 1995, Vol. 24, No. 13, pp. 75-76, 78, 80, XP000526196.	
	Roizen, Joseph "Teletext in the USA," Society of Motion Picture and Television Engineers Journal, July 1981, pp. 602-610.	
	Roseville City Council Presentation, March 13, 1985 (Defendant's Exhibit 226).	

Examiner Signature		Date Considered	
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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number 09/555,551	
				Filing Date August 29, 2000	
				First Named Inventor Jonathan B. Orlick	
				Art Unit 2623	
				Examiner Name Hunter B. Lonsberry	
Sheet	52	of	54	Attorney Docket Number ST-44	

OTHER DOCUMENTS		
	Ross Peddicord, "New on TV: You Bet Your Horse," <i>The Sun, Baltimore Maryland</i> 12/15/1994, 1 pg.	
	Schlender, B.R., "Couch Potatoes! Now It's Smart TV," <i>Fortune</i> , Nov. 20, 1989, pp. 111-116.	
	Schmuckler, Eric "A marriage that's made in cyberspace (television networks pursue links with online information services)," May 16, 1994 <i>MEDIAWEEK</i> , v. 4, No. 20, pg.22(3).	
	Sealfon, Peggy, "High Tech TV," <i>Photographic</i> , Dec. 1984.	
	"StarSight Interactive Television Program Guide III" Jim Leftwich and Steve Schein, Functional/ Interactional Architecture Specification Document, Orbit Interaction, Palo alto, California, Published before 4/19/95.	
	"StarSight Interactive Television Program Guide IV" Jim Leftwich and Steve Schein, Functional/ Interactional Architecture Specification Document, Orbit Interaction, Palo Alto, California, Published before 4/19/95.	
	Sunada, K. et al, "Teletext Color Television Receiver Model C-29M950, C26M940," NEC Home Electronics, NEC Giho, 1987.	
	Sussman, A. "GTE Tunes In to Home TV Shopping," <i>PC Week</i> , June 28, 1988, p. C15.	
	Tech Notes: Product Updates from M/A-COM Cable Home Group, "Videocipher Owner's Manual Update," Issue No. 6, February 1986.	
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				Attorney Docket Number		ST-44	
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OTHER DOCUMENTS

	Technical White Paper, "Open TV™ Operating Environment," (© 1998 OpenTV Inc.), pages 1-12.	
	Technological Examination & Basic Investigative Research Report on Image Databases," Japan Mechanical Engineering Organization Int'l Society for the Advancement of Image Software, Japan, Mar. 1988.	
	Technology: Turn on, tune in and print out – An experimental interactive television service is set to alter our viewing habits," <i>Financial Times</i> (London), 10/14/93, p. 11.	
	The New Media and Broadcast Policy; An Investigation & Research Conference Report on Broadcasting Diversification," Radio Regulatory Bureau, Japan Ministry of Posts & Telecommunications, March, 1982.	
	Transcript of the Deposition of John Roop, Oct. 1996, pp. 186-187.	
	Trial testimony of Michael Axford, Prevue Interactive, Inc. and United Video Satellite Group, Inc. v. Starsight Telecast, Inc., May 9, 1998, pp. 186-187, 295-315, and 352-357.	
	"TV Guide Online Set for Fall", Entertainment Marketing Letter, August 1994.	
	"TV Listings Functional Spec.," Time Video Information Services, Inc., undated.	
	"Using StarSight 2," Instruction Manual, StarSight Telecast, Inc., Starsight CB 1500 Customer Letter, 1994	

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OTHER DOCUMENTS		
	UV-133 Cont. 6 Declaration Under 37 C.F.R. § 1.132 of Richard E. Glassberg, signed October 20, 2006, filed October 24, 2006.	
	Various publications of Insight Telecast, 1992 and 1993.	
	Veith, R.H., "Television's Teletext," Elsevier Science Publishing Co., Inc, 1983, pp. 13-20, 41-51.	
	Videocipher Stipulation, May 1996.	
	VideoGuide, "VideoGuide User's Manual," pp. 1-28 (p. 11 is the most relevant).	
	W. Leo Hoarty, "Multimedia on Cable Television Systems," Symposium Record Table TV Sessions, 18th International Television Symposium and Technical Exhibition, Montreux, Switzerland, June 10, 1993, pp. 555-567.	
	Windows 98 Feature Combines TV, Terminal and the Internet," <i>New York Times</i> , August 18, 1998.	
	Wittig et al., "Intelligent Media Agents in Interactive Television Systems," Proceedings of the International Conference on Multimedia Computing and Systems, Los Alamitos, CA, US, May 15-18, 1995, pp 182 – 189, XP 000603484.	
	Yee Hsiang Chang et al., "An Open-Systems Approach to Video on Demand," <i>IEEE Communications Magazine</i> , May 1994, pp. 68-80	

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